

NCI Tumor Microenvironment Network

Junior Investigator Meeting

May 17-19, 2010

Doubletree Metropolitan Hotel

569 Lexington Avenue

New York, New York 10022

<http://www.metropolitanhotelnyc.com/>

AGENDA

Date & Time

Location

Monday, May 17

Doubletree Metropolitan Hotel

3:00pm

Meet in hotel lobby; walk to Memorial Sloan-Kettering Cancer Center

3:30pm - 4:00pm

Memorial Sloan-Kettering Cancer Center

Registration

4:00pm - 4:30pm

Introductions: Paula Bos and Aubie Shaw, meeting Co-Chairs

Welcome:

Eric Holland, M.D., Ph.D.

Member of the Cancer Biology and Genetics Program,

Director of the Brain Tumor Center,

Memorial Sloan-Kettering Cancer Center

Opening remarks:

Dinah Singer, Ph.D., Director, Division of Cancer Biology, NCI

Suresh Mohla, Ph.D., Associate Director, Division of Cancer Biology, NCI

4:30pm - 5:30pm

Technology Session 1: Intravital Imaging

Speakers:

Bojana Gligorijevic (Einstein): *"Intravital imaging of primary tumors: defining microenvironments of invasion and metastasis"* (15 min)

Antonia Patsialou (Einstein): *"In vivo invasion assay: characterization of the migratory tumor cells and their stromal interactions during invasion in primary tumors"* (15 min)

5:30pm - 7:30pm

"Speed Science" (2 min talks)

Moderator: Paula Bos

Speakers: Junior Investigator attendees

7:30pm

Group dinner

Tuesday, May 18	Doubletree Metropolitan Hotel
8:00am - 9:00am	Registration
9:00am - 10:30am	Technology Session 2: In Vitro Models and Imaging Speakers: Tsukasa Shibue (MIT): <i>“A practical approach to study the behavior of disseminated micrometastatic cancer cells”</i> (15 min) Cyrus M. Ghajar (Berkeley): <i>“Modeling the tumor microenvironment in cell culture”</i> (10 min) Steven Ressler (Baylor): <i>“Multispectral analysis of stromal marker staining of human tissue arrays”</i> (15 min)
10:30am - 10:45am	Break
10:45am - 11:45am	Keynote Speaker (45 min talk + 15 min Q&A) Irving Weissman, M.D., Stanford University <i>“Bone marrow derived cells”</i>
12:00pm - 4:00pm	Group activity
4:00pm - 5:00pm	Invited Presentation (45 min talk + 15 min Q&A) David Lyden, M.D., Ph.D., Weill Cornell Medical College <i>“Cellular and molecular mechanisms for the pre-metastatic niche”</i>
5:00pm - 6:00pm	Invited Presentation (45 min talk + 15 min Q&A) Srinivas Nagaraj, Ph.D., H. Lee Moffitt Cancer Center <i>“Myeloid derived suppressor cells in cancer”</i>
6:00pm - 7:00pm	Technology Session 3: Bone Marrow and Stem Cells Speakers: Michael Quante (Columbia): <i>“Bone marrow transplantation: bone marrow derived cells contribute to the tumor stroma”</i> (15 min) Piero Dalerba and Ferenc Scheeren (Stanford): <i>“Cancer stem cells: definition, phenotypic characterization, in vitro and in vivo functional analysis”</i> (15 min)
7:00pm	Group dinner

Wednesday, May 19 Doubletree Metropolitan Hotel

9:00am - 10:30am	Technology Session 4: Xenografts Speakers: Paula Bos and Steve Mason (MSKCC): <i>“Metastasis modeling through xenograft and in vitro technology”</i> (15 min) Stephanie Pyonteck (MSKCC): <i>“Macrophage depletion technology”</i> (10 min) Omar Franco (Vanderbilt): <i>“Tissue recombination using renal grafting”</i> (15 min) Daniella Bianchi-Frias (U. Washington): <i>“Orthotopic injection of prostate cancer cells into aged mice”</i> (15 min)
10:30am - 10:45am	Break
10:45am - 11:45am	Invited Presentation (45 min talk + 15 min Q&A) Kornelia Polyak, M.D., Ph.D., Harvard Medical School <i>“The role of the microenvironment in breast tumor progression”</i>
11:45am - 12:15pm	Establishment of the TMEN Alumni Group
12:15pm - 12:30pm	Closing remarks and adjourn Paula Bos and Aubie Shaw, meeting Co-Chairs